8. Eclipſis Solis *partialis, quæ die* XIIX. Feb. *St. Vet. ſive D.* 1. Martii *St. Nov. A.* 1737. *contigit*, Phaſes *decreſcentes* Vitembergæ Saxonum *obſervatæ, a* J. Frederico Weidlero, *Math. Prof. & R. S.* Lond. *S.*

Digiti Eclipſeos decreſcentis. *Vide* Schema in Tab. II. Fig. II.

	H.	M.	S.	
VIII	4	50	31	p. m.
VII $\frac{3}{4}$		58	16	
VII $\frac{1}{2}$	5	1	56	
VII $\frac{1}{4}$		5	26	
VII		8	16	
VI $\frac{1}{2}$		10	16	Poſtea Sol ad occaſum vergens nubes ſubiit.

Initium propter nubes cœlo obductas videri non potuit.

VIII. *A Letter from the Revd* Ebenezer Latham, *M. D. and V. D. M. to* C. Mortimer, *M. D. Sec.* R. S. *containing a* Propoſal *to make the* Poles *of a* Globe *of the* Heavens *move in a Circle round the Poles of the* Ecliptic; *read at a Meeting of the* Royal Society, April 17. 1738.

SIR, *Findern, April* 14, 38.

I Take the Liberty through your Hands to communicate the incloſed to the *Royal Society*, and at the ſame time to ſubmit to that learned Body a Pro-

poſal I would make relating to an Improvement in the Conſtruction of the Globes of the Heavens. As we now have them, you know they are only form'd for the preſent Age, and do not ſerve the Purpoſes of Chronology and Hiſtory, as they might, if the Poles whereon they turn were contriv'd to move in a Circle round thoſe of the Ecliptic, according to the preſent Obliquity of this. By this Means we might have a View of the Heavens ſuited to every Period, and that would anſwer the antient Deſcriptions, thoſe of *Eudoxus*, for Inſtance, who is ſuppoſed to borrow his from the moſt early Obſervations; and of *Hipparchus*, *&c.* Nor could any Contrivance better enable the loweſt Reader to judge of the Merits of the Controverſy about the *Argonautic* Expedition, as far as it depends on this: For it will verify to the Sight the Path of the Colures, *&c.* at any Time. I thought to have tranſmitted a Scheme of the whole, in which the Equator muſt be fix'd to the brazen Meridian, *&c.* But it is eaſily underſtood, and can only wait the Approbation of ſuch great Judges to recommend it to the Artiſts.

Your moſt obedient,

Humble Servant,

E. Latham.

N. B. That Globes, to anſwer the End here propoſed, tho' differently conſtructed, had long before been made and publiſhed by Mr. *Senex*, who at next Meeting gave the following Account of his Contrivance.